

FIPS 140-2 Consolidated Validation Certificate



The National Institute of Standards and Technology of the United States of America



The Communications Security Establishment of the Government of Canada

Consolidated Certificate No. 0027

The National Institute of Standards and Technology, as the United States FIPS 140-2 Cryptographic Module Validation Authority; and the Communications Security Establishment Canada, as the Canadian FIPS 140-2 Cryptographic Module Validation Authority; hereby validate the FIPS 140-2 testing results of the cryptographic modules listed below in accordance with the Derived Test Requirements for FIPS 140-2, Security Requirements for Cryptographic Modules. FIPS 140-2 specifies the security requirements that are to be satisfied by a cryptographic module utilized within a security system protecting Sensitive Information (United States) or Protected Information (Canada) within computer and telecommunications systems (including voice systems).

Products which use a cryptographic module identified below may be labeled as complying with the requirements of FIPS 140-2 so long as the product, throughout its life-cycle, continues to use the validated version of the cryptographic module as specified in this consolidated certificate. The validation report contains additional details concerning test results. No reliability test has been performed and no warranty of the products by both agencies is either expressed or implied.

FIPS 140-2 provides four increasing, qualitative levels of security: Level 1, Level 2, Level 3, and Level 4. These levels are intended to cover the wide range and potential applications and environments in which cryptographic modules may be employed. The security requirements cover eleven areas related to the secure design and implementation of a cryptographic module.

The scope of conformance achieved by the cryptographic modules as tested are identified and listed on the Cryptographic Module Validation Program website. The website listing is the official list of validated cryptographic modules. Each validation entry corresponds to a uniquely assigned certificate number. Associated with each certificate number is the module name(s), module versioning information, applicable caveats, module type, date of initial validation and applicable revisions, Overall Level, individual Levels if different than the Overall Level, FIPS-approved and other algorithms, vendor contact information, a vendor provided description and the accredited Cryptographic Module Testing laboratory which performed the testing.

Signed on behalf of the Government of the United States

Signature: *W. Dana F. Dier*
Dated: 8 April 2013

Chief, Computer Security Division
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: *[Signature]*
Dated: 5 April 2013

Director, Architecture and Technology Assurance
Communications Security Establishment Canada

TM A Certification Mark of NIST, which does not imply product endorsement by NIST, the U.S. or Canadian Governments.

Certificate Number	Validation / Posting Date	Module Name(s)	Vendor Name	Version Information
1904	03/20/2013	Fortress Mesh Points	Fortress™ Technologies	Hardware Versions: ES210, ES2440, ES440, ES520v1, ES520v2 and ES820; Firmware Version: 5.4.1
1905	03/12/2013	Seagate Secure® TCG Enterprise SSC Self-Encrypting Drives FIPS 140 Module	Seagate Technology LLC	Hardware Versions: ST900MM0036 [1], ST600MM0036 [1], ST4000NM0063 [1] and ST4000NM0073 [2]; Firmware Versions: A000 [1] and F001 [2]
1906	03/12/2013	Biscom Cryptographic Library Version 1.0	Biscom, Inc.	Software Version: 1.0
1907	03/14/2013	Cisco Aironet® CAP3602E and CAP3602I Wireless LAN Access Points	Cisco Systems, Inc.	Hardware Versions: CAP3602E Revision B0 and CAP3602I Revision B0; FIPS Kit AIR-AP-FIPSKIT=, Version B0; Firmware Version: 7.2.103.0
1908	03/20/2013	Panzura Cryptographic Module 4.2	Panzura, Inc.	Software Version: 4.2

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1909	03/20/2013	Cisco Catalyst 6506, 6506-E, 6509 and 6509-E Switches with Wireless Services Modules-2 (WiSM2)	Cisco Systems, Inc.	Hardware Version: Chassis: Catalyst 6506 switch [1], Catalyst 6506-E switch [2], Catalyst 6509 switch [3] and Catalyst 6509-E switch [4]; Backplane: WS-C6506 [1], WS-C6506-E [2], WS-C6509 [3] and WS-C6509-E [4]; FIPS Kit: P/N 800-27009 [1, 2], P/N 800-26335 [3, 4] and WS-SVCWISM2FIPKIT= [1, 2, 3, 4]; with one Supervisor Blade [1, 2, 3, 4]: [WS-SUP720-3BXL, WS-SUP720-3B, VS-S720-10G-3C or VS-S720-10G-3CXL] and with one WiSM2 [1, 2, 3, 4]: [WS-SVC-WISM2-K-K9 [B], WS-SVC-WISM2-K-K9= [B], WS-SVC-WISM2-K9= [A, B], WS-SVC-WISM2-5-K9= [A, B], WS-SVC-WISM2-3-K9= [A, B], WS-SVC-WISM2-1-K9= [A, B], WS-SVC-WISM2-5-K9 [A, B], WS-SVC-WISM2-3-K9 [A, B] or WS-SVC-WISM2-1-K9 [A, B]]; Firmware Version: Supervisor Blade: Cisco IOS Release 12.2.33SXJ, Cisco IOS Release 12.2.33SXJ1, or Cisco IOS Release 12.2.33SXJ2; WiSM2: 7.0.230.0 [A] or 7.2.103.0 [B]
1910	03/20/2013	HP Networking Switches with VPN Firewall	Hewlett-Packard Company	Hardware Versions: HP 7510 with JG586A and JG565A, HP 7506 with JG586A and JG566A, HP 7506V with JG586A and JG567A, HP 7503 with JG586A and JG568A, HP 7502 with JG586A and JG569A, HP 7503-S with JG586A and JG569A, HP 9505 with JG586A and JG570A, HP 9508V with JG586A and JG571A, HP 9512 with JG586A and JG572A, HP 12508 with JG586A and JG574A and HP 12518 with JG586A and JG573A; Software Version: 5.2; Firmware Version: 5.2

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1911	03/20/2013	HP A-Series Routers with VPN Firewall Module	Hewlett-Packard Company	Hardware Versions: HP 6604 with JG586A and JG578A, HP 6608 with JG586A and JG577A, HP 6616 with JG586A and JG576A, HP 8805 with JG586A and JG570A, HP 8808 with JG586A and JG571A and HP 8812 with JG586A and JG572A; Software Version: 5.2; Firmware Version: 5.2

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1912	03/20/2013	HP Networking Switches	Hewlett-Packard Company	Hardware Versions: HP 5120-24G EI with JG585A and JG557A, HP 5120-48G EI with JG585A and JG557A, HP 5120-24G-PoE+ EI with JG585A and JG559A, HP 5120-48G-PoE+ EI with JG585A and JG559A, HP 5500-24G EI with JG585A and JG557A, HP 5500-24G-PoE+ EI with JG585A and JG559A, HP 5500-24G-SFP EI with JG585A and JG558A, HP 5500-48G EI with JG585A and JG557A, HP 5500-48G-PoE+ EI with JG585A and JG559A, HP 5800-24G with JG585A and JG563A, HP 5800-24G-PoE+ with JG585A and JG560A, HP 5800-24G-SFP with JG585A and JG562A, HP 5800-48G with JG585A and JG563A, HP 5800-48G-PoE with JG585A and JG560A, HP 5800-48G-2slot with JG585A and JG561A, HP 5820-14XG-SFP with JG585A and JG561A, HP 5820-24XG-SFP with JG585A and JG564A, HP 7510 with JG586A and JG565A, HP 7506 with JG586A and JG566A, HP 7506V with JG586A and JG567A, HP 7503 with JG586A and JG568A, HP 7502 with JG586A and JG569A, HP 7503-S with JG586A and JG569A, HP 9505 with JG586A and JG570A, HP 9508V with JG586A and JG571A, HP 9512 with JG586A and JG572A, HP 12508 with JG586A and JG574A and HP 12518 with JG586A and JG573A; Software Version: 5.2; Firmware Version: 5.2

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1913	03/20/2013	HP A-Series Routers	Hewlett-Packard Company	Hardware Versions: HP 6602 with JG586A and JG575A, HP 6604 with JG586A and JG578A, HP 6608 with JG586A and JG577A, HP 6616 with JG586A and JG576A, HP 8805 with JG586A and JG570A, HP 8808 with JG586A and JG571A and HP 8812 with JG586A and JG572A; Software Version: 5.2; Firmware Version: 5.2
1914	03/20/2013	HP MSR30/50 Routers	Hewlett-Packard Company	Hardware Versions: HP MSR30-10 with JG585A and JG582A, HP MSR30-20 with JG585A and JG579A, HP MSR30-40 with JG585A and JG580A, HP MSR30-60 with JG585A and JG581A, HP MSR30-20 PoE with JG585A and JG579A, HP MSR 30-40 PoE with JG585A and JG580A, HP MSR30-60 PoE with JG585A and JG581A, HP MSR50-40 with JG586A and JG583A, HP MSR50-60 with JG586A and JG584A, HP MSR50-40 DC with JG586A and JG583A and HP MSR50-60 DC with JG586A and JG584A; Software Version: 5.2; Firmware Version: 5.2
1915	03/20/2013	Samsung Kernel Cryptographic Module	Samsung Electronics Co., Ltd.	Software Versions: SKC1.4.1 and SKC 1.4.1.1
1918	03/22/2013	Cisco 7600 Series Routers with Supervisor RSP720	Cisco Systems, Inc.	Hardware Versions: (7603-S, 7604, 7606-S, 7609-S, 7613, V02, V07, V13, V14 and -F0) with FIPS kit (Cisco-FIPS-KIT=); Firmware Version: 15.1(3)S3
1922	03/22/2013	HP Enterprise Secure Key Manager	Hewlett-Packard Company	Hardware Version: P/N AJ585A, Version 3.0; Firmware Version: 5.0.0

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1923	03/22/2013	X60 and X80-S Platforms	Crossbeam Systems, Inc.	Hardware Versions: (APM-9600, CPM-9600, NPM-9610 and NPM-9650) with XS-FIPS-LABEL-KIT; Firmware Version: XOS v9.9.0.0
1924	03/26/2013	HP MSR30/50 Routers with Encryption Accelerator Modules	Hewlett-Packard Company	Hardware Versions: HP MSR30-10 with JG585A and JG582A, HP MSR30-40 with JG585A and JG580A, HP MSR30-60 with JG585A and JG581A, HP MSR30-20 PoE with JG585A and JG579A, HP MSR30-60 PoE with JG585A and JG581A, HP MSR50-40 with JG586A and JG583A and HP MSR50-60 with JG586A and JG584A; Software Version: 5.2; Firmware Version: 5.2